

L Number	Hits	Search Text	DB	Time stamp
1	17002	((MICRO-SPHERE) OR (MICROSPHERE))	USPAT; EPO; JPO; DERWENT	2001/09/30 16:36
6	8921	hollow with sphere	USPAT; EPO; JPO; DERWENT	2001/09/30 16:36
11	550196	vinyl or polyvinyl	USPAT; EPO; JPO; DERWENT	2001/09/30 16:37
16	141569	plasticis\$ or plasticiz\$	USPAT; EPO; JPO; DERWENT	2001/09/30 16:39
21	23906	(vinyl or polyvinyl) with (plasticis\$ or plasticiz\$)	USPAT; EPO; JPO; DERWENT	2001/09/30 16:40
26	35	((((MICRO-SPHERE) OR (MICROSPHERE))) same ((vinyl or polyvinyl) with (plasticis\$ or plasticiz\$)))	USPAT; EPO; JPO; DERWENT	2001/09/30 16:47
31	8206	plastisol	USPAT; EPO; JPO; DERWENT	2001/09/30 16:48
36	70	plastisol same (((MICRO-SPHERE) OR (MICROSPHERE)))	USPAT; EPO; JPO; DERWENT	2001/09/30 16:48
41	59	(plastisol same (((MICRO-SPHERE) OR (MICROSPHERE)))) not (((MICRO-SPHERE) OR (MICROSPHERE))) same ((vinyl or polyvinyl) with (plasticis\$ or plasticiz\$)))	USPAT; EPO; JPO; DERWENT	2001/09/30 16:49
46	0	carpet%	USPAT; EPO; JPO; DERWENT	2001/09/30 16:49
51	41449	carpet\$	USPAT; EPO; JPO; DERWENT	2001/09/30 16:49
56	3	carpet\$ and ((plastisol same (((MICRO-SPHERE) OR (MICROSPHERE)))) not (((MICRO-SPHERE) OR (MICROSPHERE))) same ((vinyl or polyvinyl) with (plasticis\$ or plasticiz\$)))	USPAT; EPO; JPO; DERWENT	2001/09/30 17:08
61	7	"1071349"	USPAT; EPO; JPO; DERWENT	2001/09/30 16:53
66	2	"1515521"	USPAT; EPO; JPO; DERWENT	2001/09/30 16:53
71	8	"1071349" or "1515521"	USPAT; EPO; JPO; DERWENT	2001/09/30 16:53
76	1087	ceramic with (((MICRO-SPHERE) OR (MICROSPHERE)))	USPAT; EPO; JPO; DERWENT	2001/09/30 17:09
81	852	thermoplastic with (((MICRO-SPHERE) OR (MICROSPHERE)))	USPAT; EPO; JPO; DERWENT	2001/09/30 17:43
86	25	carpet\$ same (((MICRO-SPHERE) OR (MICROSPHERE)))	USPAT; EPO; JPO; DERWENT	2001/09/30 17:43
91	145968	(plasticis\$ or plasticiz\$) or plastisol	USPAT; EPO; JPO; DERWENT	2001/09/30 17:43
96	6	((plasticis\$ or plasticiz\$) or plastisol) and (carpet\$ same (((MICRO-SPHERE) OR (MICROSPHERE))))	USPAT; EPO; JPO; DERWENT	2001/09/30 17:48

101	57	(ceramic with (((MICRO-SPHERE) OR (MICROSPHERE)))) same (thermoplastic with (((MICRO-SPHERE) OR (MICROSPHERE))))	USPAT; EPO; JPO; DERWENT	2001/09/30 17:48
106	2	carpet\$ and ((ceramic with (((MICRO-SPHERE) OR (MICROSPHERE)))) same (thermoplastic with (((MICRO-SPHERE) OR (MICROSPHERE))))	USPAT; EPO; JPO; DERWENT	2001/09/30 17:48

L Number	Hits	Search Text	DB	Time stamp
1	35441	blow\$ with agent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/30 19:04
2	24	"3661691"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/30 19:04
9	5164	air same (blow\$ with agent)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/30 19:04
16	17197	whip\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/30 19:04
23	62	whip\$ same (air same (blow\$ with agent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/30 19:04
30	41601	carpet\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/30 19:04
37	14	(whip\$ same (air same (blow\$ with agent))) and carpet\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/30 19:05

DERWENT-ACC-NO: 1975-81518W
DERWENT-WEEK: 197550
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TITLE: Malleable and flexible expanded material - contg.
gas-filled hollow
microspheres of aluminium silicate to improve mechanical
properties

PATENT-ASSIGNEE: TARKETT AB[TARK]

PRIORITY-DATA: 1974SE-0009542 (July 23, 1974)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	
PAGES	MAIN-IPC		
BE 831333 A	November 3, 1975	N/A	000
N/A			
AT 7505664 A	July 15, 1978	N/A	000
N/A			
CA 1071349 A	February 5, 1980	N/A	000
N/A			
CH 615205 A	January 15, 1980	N/A	000
N/A			
DE 2530657 A	February 5, 1976	N/A	000
N/A			
DE 2530657 C	December 19, 1984	N/A	000
N/A			
DK 7503315 A	March 29, 1976	N/A	000
N/A			
FI 7502072 A	March 31, 1976	N/A	000
N/A			
FR 2279801 A	March 26, 1976	N/A	000
N/A			
GB 1515521 A	June 28, 1978	N/A	000
N/A			
IT 1039925 B	December 10, 1979	N/A	000
N/A			
JP 51034960 A	March 25, 1976	N/A	000
N/A			
JP 84049930 B	December 4, 1984	N/A	000
N/A			
NL 7508102 A	January 27, 1976	N/A	000
N/A			
NO 7502593 A	February 16, 1976	N/A	000
N/A			
SE 7409542 A	February 23, 1976	N/A	000
N/A			

INT-CL (IPC): B29D000/00; B32B003/00 ; C08J001/14 ;
C08J009/32 ;
C08J090/00 ; C08K007/26

ABSTRACTED-PUB-NO: BE 831333A

BASIC-ABSTRACT: Malleable and flexible expanded matl. contains a first matl.

comprising at least one substance selected from rubber latex, plastic dispersions, malleable polyurethane adducts, P.V.C. plastisols and appropriate adducts, the expanded matl. contg. (a) reinforced cells consisting of gas-filled hollow microspheres of aluminium silicate which are a constituent of the volatile ashes obtd. from coal-operated central-heating plants, and (b) non-reinforced hollow cells obtd. by expanding the first matl. Foams produced from e.g., rubber latices and P.V.C. plastisols by mechanical means are much lighter than known matls. of this type and possess improved mechanical props., esp. high resistance to cleavage. The foams are suitable for coating onto carpets or textiles.

TITLE-TERMS:

MALLEABLE FLEXIBLE EXPAND MATERIAL CONTAIN GAS FILLED HOLLOW MICROSPHERE
ALUMINIUM SILICATE IMPROVE MECHANICAL PROPERTIES

DERWENT-CLASS: A94 P73

CPI-CODES: A12-S04A; A12-W12;

Multipunch Codes: 012 02& 03& 032 040 061 062 063 150 229 231 257
272 308 330
359 397 431 436 440 448 473 477 49- 491 492 551 552 575 581 614
654 664 688